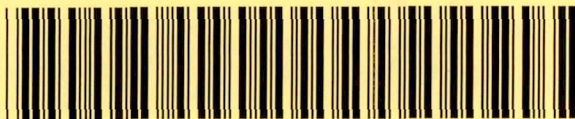


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DocumentID NONCD0002863

Site Name BABY DIAPER SERVICE

DocumentType Site Assessment Rpt (SAR)

RptSegment 1

DocDate 8/24/2007

DocRcvd 8/27/2007

Box SF1225

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

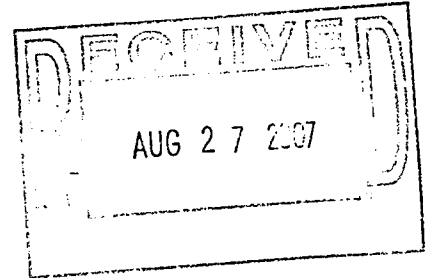
Program IHS (IHS)

DocCat FACILITY



August 24, 2007

Sterling Development Company
1401 McConnell Road
Greensboro, North Carolina 27401



Attention: Mr. Allen Sharpe

Reference: RESULTS OF SAMPLING SERVICES

Baby Diaper Service Property
1819 Spring Garden Street
Greensboro, North Carolina
S&ME Project No. 1584-07-040

Dear Mr. Sharpe:

This letter summarizes the soil and groundwater sampling information that S&ME collected at the referenced site. The soil sampling activities were authorized by Mr. Allen Sharpe and were completed in general accordance with S&ME proposal 1584-07-P075. The purpose of the sampling activities was to assess whether historical industrial activities at the site may have caused contamination to the soil and groundwater.

PROJECT UNDERSTANDING

Mr. Brad Deaton requested that S&ME review environmental documents and develop a subsurface exploration proposal for the property at 1819 Spring Garden Street in Greensboro, North Carolina. Mr. Deaton stated in emails dated June 4 and 5, 2007 that he is considering a proposed development. The proposed development will consist of commercial and residential structures (two and three-stories tall) with parking and drive areas. Planned development will require the demolition of the existing Baby Diaper service structures at the site.

S&ME obtained the following documents for review from Mr. Deaton.

- "Report of Environmental Services", ECS Carolinas, LLP, October 27, 2006
- "Limited Site Assessment Report", Griffith Enterprises, Inc., January 10, 2007
- "Preliminary Site Plan – Baby Diaper Service Site", Deaton Engineering, PLLC, May 31, 2007
- "Topographic Survey – Baby Diaper Service, Inc.", Regional Land Surveyors, February 12, 2007

Wayne Watterson met with Mr. Deaton, Mr. Richard Montana with Allied Commercial Realty, and Mr. Alan Sharpe with Sterling Development Company on June 5, 2007, to discuss the information included in the reports, and to discuss potential development at the site. During the meeting, Mr. Watterson stated that the reviewed reports address only a former gasoline underground storage tank (UST) at the site. Based on a brief site visit performed by Mr. Watterson on June 5, 2007, other environmental issues may be present at the site. Mr. Montana stated that he would obtain a copy of the Phase I Environmental Site Assessment (ESA) for the site that was completed for the current owner. Mr. Montana provided S&ME with a copy of the Phase I ESA (Griffith Enterprises, Inc., September 18, 2006) on June 5, 2007.

The Phase I ESA documented the presence of several recognized environmental conditions at the site, including the former gasoline UST. Other recognized environmental conditions were identified based on observed evidence of chemical use at the site and on former site occupants. Former occupants at 1819 Spring Garden Street were documented in the Phase I ESA as follows: Sedgefield Mills (1947), Amalgamated Chemical Company (1955 to 1957) and Baby Diaper Service (1963 to 2001).

FIELD ACTIVITIES

S&ME and Troxler Geologic Services mobilized to the site on July 10, 2007 to collect soil and groundwater samples at selected locations on the property.

Six macrocore soil probes (G-1 – G-6) were performed with a Geoprobe® at the locations shown on Figure 1. Continuous soil samples were collected from each probe and observed in the field. Based on field observations, one soil sample from each soil probe location was selected for laboratory analysis. The selected soil samples were transferred into laboratory-prepared containers using disposable latex gloves. The sample containers were placed into a cooler with ice for shipment to the analytical laboratory.

A temporary standpipe was placed in each soil probe location. Groundwater was measured at approximately 20 feet below the ground surface at probe location G-1. Groundwater was measured at depths ranging from approximately 7 to 9 feet below the ground surface at probe locations G-2 through G-6.

Groundwater samples were collected from the temporary standpipes on July 10 or July 11, 2007. S&ME used a peristaltic pump to collect water samples at each location. The water samples were transferred into laboratory-prepared containers and placed into a cooler with ice for shipment to the analytical laboratory. After the groundwater samples were collected, the standpipe was removed from each probe location and the open holes were filled with bentonite.

Three hand auger borings were performed at the site on July 11, 2007, at the locations shown on Figure 1. Sample location HA-1 was originally scheduled to be performed with the Geoprobe device, near the floor drain in the former boiler room. Both soil and groundwater samples were to be collected. However, on July 10, 2007, the sample location was under water because of a rain event. The water had dissipated on July 11 so that a sample could be collected. A sample of the near surface soil was collected after coring through the concrete floor. Hand auger borings HA-2 and HA-3 were performed on the east exterior of the building.

Based on field observations, one soil sample was selected from each hand auger boring for laboratory analysis. The selected soil samples were handled with a new, disposable pair of latex gloves, and transferred into laboratory-prepared containers. The containers were placed into a cooler with ice for shipment to the analytical laboratory.

A hand auger was used to check whether sludge may be present in the re-circulation pit on the east exterior of the building. Sludge was not encountered.

LABORATORY ANALYSIS

Each selected soil sample was analyzed in the laboratory for volatile and semivolatile organic compounds by SW-846 methods 8260 and 8270. The results of the laboratory analyses are summarized in Table 1.

The six groundwater samples were analyzed in the laboratory for volatile and semivolatile organic compounds EPA methods 6210D and 625, for chlorides and for pH. Field pH measurements were proposed; however, the pH instrument was not properly calibrated on the date of sample collection. Therefore, pH measurements were performed in the laboratory. The results of the laboratory analyses are summarized in Table 2.

DISCUSSION

As shown in Table 1, one soil sample selected for laboratory analyses contained detectable concentrations of target compounds. Sample HA-3 was collected on the east side of the building at a depth of approximately 3 feet below the ground surface. No obvious evidence of a release was visible at the sample location. The source of the detected compounds is not known. However, the data may suggest a surface spill of petroleum-type compounds. The extent of the identified compounds was not determined by this assessment.

Table 2 indicates that target compounds were detected at sample locations G1, G2, G4 and G6 at concentrations that exceed North Carolina groundwater quality standards (NCAC 2L). Based on the locations of G-1 and G-2, the detected compounds from these sample locations could have originated from off-site sources. However, source identification was beyond the scope of work included in this assessment.

The elevated pH measured at sample location G-4 likely originated from on-site. Sample location G-4 was placed at the former location of an above ground storage tank that contained alkali solution.

The source of the target compounds in sample G-6, which contained high concentrations of organic compounds, was not defined. The detected compounds suggest a possible petroleum source. However, the sample was collected from inside the oldest portion of the building. A source area near this location was not determined. Based on the detected compounds, which could suggest a heavier petroleum compound, the source could be an unknown tank located on the property or, potentially, a source from the adjoining Time Warner Cable property.

The laboratory results were discussed in a meeting dated August 6, 2007. Attendees at the meeting included Mr. Brad Deaton of Deaton Development Consultants (by teleconference), Mr. Alan Sharpe with Sterling Development Company, Mr. Richard Montana with Alliance Commercial Properties, Mr. Marshall Morgan, and Wayne Watterson and Jim Dees of S&ME. The meeting was held at Mr. Montana's office.

During the meeting, Mr. Deaton, Mr. Sharpe and Mr. Morgan agreed to conduct additional assessment at the site in the areas near sampling points G-4 and G-6. The purpose of the agreed upon additional assessment would be to further define the extent of contaminants in these areas of the site. Mr. Sharpe and Mr. Morgan requested that S&ME provide the results of this assessment to the Guilford County Department of Public Health for review.

LIMITATIONS

The scope of work summarized herein was not designed to be a comprehensive environmental assessment of the subject property. Selected sampling points were based on information included in information provided by Mr. Brad Deaton. Contaminants may be present at other locations on the property.

SOLE USE STATEMENT

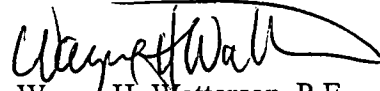
All materials and information used for this project were obtained by S&ME. This report is provided for the sole use of Sterling Development Company for this project. Use of this report by any parties other than Sterling Development Company will be at such party's sole risk. S&ME disclaims liability for any use of or reliance on this report by third parties.

Thank you for allowing S&ME to assist you with this project. If you have any questions, please call at your convenience.

Sincerely,
S&ME, Inc.



James Dees
Staff Professional



Wayne H. Watterson, P.E.
Senior Engineer

Attachments

Tables 1 and 2
Figure 1
Laboratory report

Table 1
Summary of Soil Analytical Data
 1819 Spring Garden Street
 Greensboro, North Carolina
 S&ME Project No. 1584-07-040

Sample Location	G1	G2	G3	G4	G5	G6	HA1	HA2	HA3	S-to-W
Sample Depth (ft)	3	4	4	5	4	3	3	2	3	
Analyte	[Concentration (mg/kg)]									
Anthracene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.492	1000
Benzo(a)anthracene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	1.78	0.34
Benzo(b)fluoranthene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	1.84	1.2
Benzo(k)fluoranthene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.745	12
Benzo(ghi)perylene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.777	6700
Benzo(a)pyrene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	1.33	0.091
Chrysene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	1.56	38
Fluoranthene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	2.44	280
Indeno(1,2,3-cd)pyrene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	0.794	3.3
Phenanthrene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	1.93	60
Pyrene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	2.65	290

mg/kg - milligram per kilogram

ft - Feet

S-to-W - Soil-to-Water Maximum Contaminant Concentration

UST Section Guidelines for the Investigation and Remediation of Contamination from

Non-UST Petroleum Releases, NCDENR Division of Waste Management, UST Section, July 1, 2007

Notes: **Yellow-highlighted cells represent concentrations above S-to-W**
 Samples collected on July 10 and 11, 2007

coal fac ↑

Table 2
Summary of Groundwater Data
1819 Spring Garden Street
Greensboro, North Carolina
S&ME Project No. 1584-07-040

Sample Location	G1	G2	G3	G4	G6	2L Standard
Analyte	[Concentration (ug/l)]					
Benzene	16.4	<0.5	<0.5	<0.5	<250	1
Trichloroethene	<0.5	11.2	<0.5	<0.5	<250	2.8
Toluene	<0.5	<0.5	<0.5	<0.5	7100	1000
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	5060	550
N-Butylbenzene	<0.5	<0.5	<0.5	<0.5	6840	70
Naphthalene	<0.5	<0.5	<0.5	<0.5	24000	21
1,3,5-Trimethylbenzene	<0.5	<0.5	<0.5	<0.5	19000	350
1,2,4-Trimethylbenzene	<0.5	<0.5	<0.5	<0.5	74000	350
Xylenes(total)	<0.5	<0.5	<0.5	<0.5	32600	530
I-propylbenzene	<0.5	<0.5	<0.5	<0.5	1000	NS
N-Propylbenzene	<0.5	<0.5	<0.5	<0.5	4560	70
cis-1,2-Dichloroethene	<0.5	0.6	<0.5	<0.5	<250	70
2-Methylnaphthalene	<0.01	<0.01	<0.01	<0.01	196	14
Chloride	30	34	8.5	13.5	20	250
pH	6.85	7.35	6.82	10.1	7.24	6.5 - 8.5

2L Standard - North Carolina Groundwater Quality Standard, NCAC 2L .0202

ug/l - micrograms per liter

NS - no 2L Standard

Notes: **Yellow-highlighted cells represent NCAC 2L exceedances**

Blue-highlighted cells represent detected concentrations below NCAC 2L standard

Samples collected on July 10 and 11, 2007

Table 2
Summary of Groundwater Data
1819 Spring Garden Street
Greensboro, North Carolina
S&ME Project No. 1584-07-040

Sample Location	G1	G2	G3	G4	G5	2L Standard
Analyte	[Concentration (ug/l)]					
Benzene	16.4	<0.5	<0.5	<0.5	<250	1
Trichloroethene	<0.5	11.2	<0.5	<0.5	<250	2.8
Toluene	<0.5	<0.5	<0.5	<0.5	7100	1000
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	5060	550
N-Butylbenzene	<0.5	<0.5	<0.5	<0.5	6840	70
Naphthalene	<0.5	<0.5	<0.5	<0.5	24000	21
1,3,5-Trimethylbenzene	<0.5	<0.5	<0.5	<0.5	19000	350
1,2,4-Trimethylbenzene	<0.5	<0.5	<0.5	<0.5	74000	350
Xylenes(total)	<0.5	<0.5	<0.5	<0.5	32600	530
I-propylbenzene	<0.5	<0.5	<0.5	<0.5	1000	NS
N-Propylbenzene	<0.5	<0.5	<0.5	<0.5	4560	70
cis-1,2-Dichloroethene	<0.5	0.6	<0.5	<0.5	<250	70
2-Methylnaphthalene	<0.01	<0.01	<0.01	<0.01	196	14
Chloride	30	34	8.5	13.5	20	250
pH	6.85	7.35	6.82	10.1	7.24	6.5 - 8.5

2L Standard - North Carolina Groundwater Quality Standard, NCAC 2L .0202

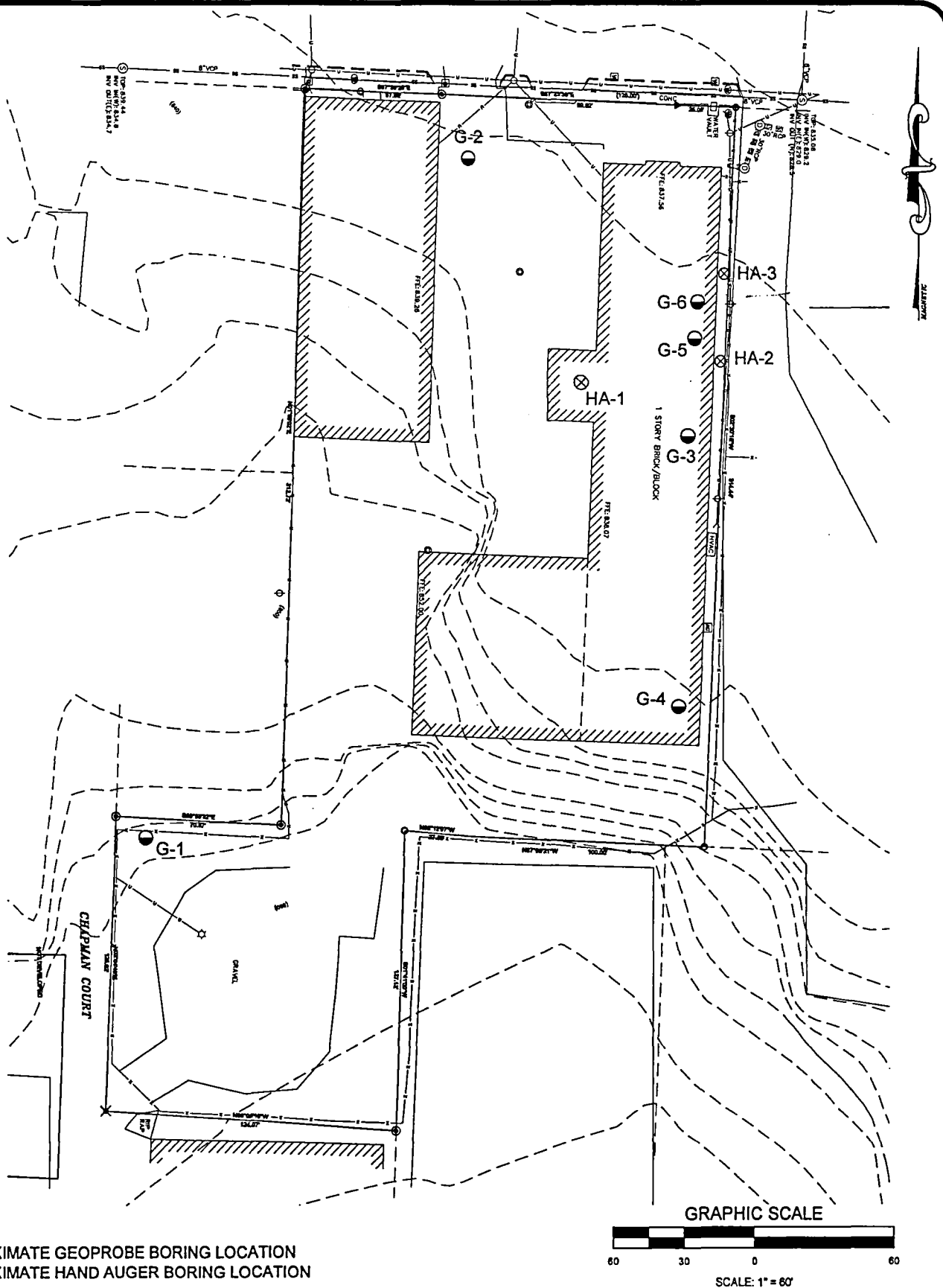
ug/l - micrograms per liter

NS - no 2L Standard

Notes: **Yellow-highlighted cells represent NCAC 2L exceedances**

Blue-highlighted cells represent detected concentrations below NCAC 2L standard

Samples collected on July 10 and 11, 2007



SCALE: AS SHOWN

DATE: JULY 2007

DRAWN BY: RDM

PROJECT NO: 1584-07-040



SAMPLE LOCATION DRAWING
BABY DIAPER SERVICE
GREENSBORO, NORTH CAROLINA

FIGURE NO.

1



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



Chemical Analysis for Selected Parameters and Sampling Locations Identified as Baby Diapers
(A/S & ME, Inc. Project #1584-07-040, collected 10 and 11 July 2007)

I. Volatile Organics	Quantitation	G1	G2	G3	G4	G5
EPA Method 8260 B	Limit					
Parameter	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Acetone	0.100	BQL	BQL	BQL	BQL	BQL
Benzene	0.005	BQL	BQL	BQL	BQL	BQL
Bromobenzene	0.005	BQL	BQL	BQL	BQL	BQL
Bromochloromethane	0.005	BQL	BQL	BQL	BQL	BQL
Bromodichloromethane	0.005	BQL	BQL	BQL	BQL	BQL
Bromoforn	0.005	BQL	BQL	BQL	BQL	BQL
Bromomethane	0.010	BQL	BQL	BQL	BQL	BQL
2-Butanone	0.100	BQL	BQL	BQL	BQL	BQL
N-Butylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Sec-Butylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Tert-Butylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Carbon Tetrachloride	0.010	BQL	BQL	BQL	BQL	BQL
Chlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
Dibromochloromethane	0.005	BQL	BQL	BQL	BQL	BQL
Chloroethane	0.010	BQL	BQL	BQL	BQL	BQL
Chloroform	0.005	BQL	BQL	BQL	BQL	BQL
Chloromethane	0.010	BQL	BQL	BQL	BQL	BQL
2-Chlorotoluene	0.005	BQL	BQL	BQL	BQL	BQL
4-Chlorotoluene	0.005	BQL	BQL	BQL	BQL	BQL
1,2-Dibromoethane (EDB)	0.005	BQL	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
Dichlorodifluoromethane	0.005	BQL	BQL	BQL	BQL	BQL
1,1-Dichloroethane	0.005	BQL	BQL	BQL	BQL	BQL
1,2-Dichloroethane	0.005	BQL	BQL	BQL	BQL	BQL
1,1-Dichloroethene	0.005	BQL	BQL	BQL	BQL	BQL
Cis-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL	BQL
Trans-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL	BQL
1,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL	BQL
1,3-Dichloropropane	0.005	BQL	BQL	BQL	BQL	BQL
2,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL	BQL
1,1-Dichloropropane	0.005	BQL	BQL	BQL	BQL	BQL
Cis-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL	BQL
Trans-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL	BQL
Ethyl Acetate	0.010	BQL	BQL	BQL	BQL	BQL
Ethyl Benzene	0.005	BQL	BQL	BQL	BQL	BQL
2-Hexanone	0.050	BQL	BQL	BQL	BQL	BQL
1-Propylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Isopropyl ether (IPE)	0.010	BQL	BQL	BQL	BQL	BQL
p-Isopropyltoluene	0.005	BQL	BQL	BQL	BQL	BQL
Methylene Chloride	0.020	BQL	BQL	BQL	BQL	BQL
4-Methyl-2-Pentanone	0.100	BQL	BQL	BQL	BQL	BQL
Methyl-Tert-Butyl ether (MTBE)	0.010	BQL	BQL	BQL	BQL	BQL
Naphthalene	0.010	BQL	BQL	BQL	BQL	BQL
N-Propylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Styrene	0.010	BQL	BQL	BQL	BQL	BQL
1,1,2,2-Tetrachloroethane	0.005	BQL	BQL	BQL	BQL	BQL
Tetrachloroethene	0.005	BQL	BQL	BQL	BQL	BQL
Toluene	0.005	BQL	BQL	BQL	BQL	BQL
1,1,1-Trichloroethane	0.005	BQL	BQL	BQL	BQL	BQL
1,1,2-Trichloroethane	0.005	BQL	BQL	BQL	BQL	BQL
Trichloroethene	0.005	BQL	BQL	BQL	BQL	BQL
Trichlorofluoromethane	0.005	BQL	BQL	BQL	BQL	BQL
1,2,3-Trichlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.005	BQL	BQL	BQL	BQL	BQL
1,2,3-Trichloropropane	0.015	BQL	BQL	BQL	BQL	BQL
1,2,4-Trimethylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
1,3,5-Trimethylbenzene	0.005	BQL	BQL	BQL	BQL	BQL
Vinyl Acetate	0.050	BQL	BQL	BQL	BQL	BQL
Vinyl Chloride	0.010	BQL	BQL	BQL	BQL	BQL
Total Xylenes	0.005	BQL	BQL	BQL	BQL	BQL
Carbon Disulfide	0.100	BQL	BQL	BQL	BQL	BQL
Acrylonitrile	0.200	BQL	BQL	BQL	BQL	BQL
Trans-1,4-Dichloro-2-butene	0.100	BQL	BQL	BQL	BQL	BQL
Methyl Iodide	0.010	BQL	BQL	BQL	BQL	BQL
Dibromomethane	0.005	BQL	BQL	BQL	BQL	BQL
1,1,1,2-Tetrachloroethane	0.005	BQL	BQL	BQL	BQL	BQL
1,2-Dibromo-3-Chloropropane(DBCP)	0.025	BQL	BQL	BQL	BQL	BQL
Dilution Factor		1	1	1	1	1
Sample Number		593741	593743	593745	593747	593749
Sample Date		07/10/07	07/10/07	07/10/07	07/10/07	07/10/07
Sample Time (hrs)		1000	1130	1410	1520	1540

mg/kg = milligrams per kilogram = parts per million (ppm)

BQL = Below Quantitation Limits

NR = Not Requested



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



Chemical Analysis for Selected Parameters and Sampling Locations Identified as Baby Diapers
(A S & ME, Inc. Project #1584-07-040, collected 10 and 11 July 2007)

II. Semi-Volatile Organics	Quantitation	G1	G2	G3	G4	G5
EPA Method 8270 BNA	Limit					
Parameter	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Acenaphthene	0.33	BQL	BQL	BQL	BQL	BQL
Acenaphthylene	0.33	BQL	BQL	BQL	BQL	BQL
Anthracene	0.33	BQL	BQL	BQL	BQL	BQL
Benzoic Acid	6.67	BQL	BQL	BQL	BQL	BQL
Benzo(a)anthracene	0.33	BQL	BQL	BQL	BQL	BQL
Benzo(b)fluoranthene	0.33	BQL	BQL	BQL	BQL	BQL
Benzo(k)fluoranthene	0.33	BQL	BQL	BQL	BQL	BQL
Benzo(ghi)perylene	0.33	BQL	BQL	BQL	BQL	BQL
Benzo(a)pyrene	0.33	BQL	BQL	BQL	BQL	BQL
Benzyl Alcohol	3.33	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroethoxy)methane	0.33	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroethyl)ether	0.33	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroisopropyl)ether	0.33	BQL	BQL	BQL	BQL	BQL
Bis(2-ethyl-hexyl)phthalate	0.33	BQL	BQL	BQL	BQL	BQL
4-Bromophenyl phenyl ether	0.33	BQL	BQL	BQL	BQL	BQL
Benzyl butyl phthalate	0.33	BQL	BQL	BQL	BQL	BQL
4-Chloroaniline	1.65	BQL	BQL	BQL	BQL	BQL
4-Chloro-3-methylphenol	0.33	BQL	BQL	BQL	BQL	BQL
2-Chloronaphthalene	0.33	BQL	BQL	BQL	BQL	BQL
2-Chlorophenol	0.33	BQL	BQL	BQL	BQL	BQL
4-Chlorophenyl phenyl ether	0.33	BQL	BQL	BQL	BQL	BQL
Chrysene	0.33	BQL	BQL	BQL	BQL	BQL
Dibenzo(a,h)anthracene	0.33	BQL	BQL	BQL	BQL	BQL
Dibenzofuran	0.33	BQL	BQL	BQL	BQL	BQL
Di-N-Butyl phthalate	0.33	BQL	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL	BQL
3,3-Dichlorobenzidine	0.66	BQL	BQL	BQL	BQL	BQL
2,4-Dichlorophenol	0.33	BQL	BQL	BQL	BQL	BQL
Diethyl phthalate	0.33	BQL	BQL	BQL	BQL	BQL
2,4-Dimethylphenol	0.33	BQL	BQL	BQL	BQL	BQL
Dimethyl phthalate	0.33	BQL	BQL	BQL	BQL	BQL
4,6-Dinitro-2-methylphenol	1.65	BQL	BQL	BQL	BQL	BQL
2,4-Dinitrophenol	1.65	BQL	BQL	BQL	BQL	BQL
2,4-Dinitrotoluene	0.33	BQL	BQL	BQL	BQL	BQL
2,6-Dinitrotoluene	0.33	BQL	BQL	BQL	BQL	BQL
Di-N-Octyl phthalate	0.33	BQL	BQL	BQL	BQL	BQL
Azobenzene	3.33	BQL	BQL	BQL	BQL	BQL
Fluoranthene	0.33	BQL	BQL	BQL	BQL	BQL
Fluorene	0.33	BQL	BQL	BQL	BQL	BQL
Hexachlorobenzene	0.33	BQL	BQL	BQL	BQL	BQL
Hexachlorobutadiene	0.33	BQL	BQL	BQL	BQL	BQL
Hexachlorocyclopentadiene	0.33	BQL	BQL	BQL	BQL	BQL
Hexachloroethane	0.33	BQL	BQL	BQL	BQL	BQL
Indeno(1,2,3-cd) pyrene	0.33	BQL	BQL	BQL	BQL	BQL
Isophorone	0.33	BQL	BQL	BQL	BQL	BQL
2-Methylnaphthalene	0.33	BQL	BQL	BQL	BQL	BQL
2-Methylphenol	1.65	BQL	BQL	BQL	BQL	BQL
4-Methylphenol	1.65	BQL	BQL	BQL	BQL	BQL
Nitrobenzene	0.33	BQL	BQL	BQL	BQL	BQL
2-Nitrophenol	0.33	BQL	BQL	BQL	BQL	BQL
4-Nitrophenol	1.65	BQL	BQL	BQL	BQL	BQL
N-Nitrosodiphenylamine	0.33	BQL	BQL	BQL	BQL	BQL
N-nitrosodi-n-propylamine	0.33	BQL	BQL	BQL	BQL	BQL
Pentachlorophenol	1.65	BQL	BQL	BQL	BQL	BQL
Phenanthrene	0.33	BQL	BQL	BQL	BQL	BQL
Phenol	0.33	BQL	BQL	BQL	BQL	BQL
Pyrene	0.33	BQL	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.33	BQL	BQL	BQL	BQL	BQL
2,4,6-Trichlorophenol	0.33	BQL	BQL	BQL	BQL	BQL
2-Methyl-4,6-dinitrophenol	1.65	BQL	BQL	BQL	BQL	BQL
Benzidine	1.65	BQL	BQL	BQL	BQL	BQL
1,2-Diphenylhydrazine	1.65	BQL	BQL	BQL	BQL	BQL
N-Nitrosodimethylamine	0.33	BQL	BQL	BQL	BQL	BQL
Dilution Factor		1	1	1	1	1
Sample Number		593741	593743	593745	593747	593749
Sample Date		07/10/07	07/10/07	07/10/07	07/10/07	07/10/07
Sample Time (hrs)		1000	1130	1410	1520	1540

mg/kg = milligrams per kilogram = parts per million (ppm)
BQL = Below Quantitation Limits

BNA = Base-Neutral Acid Extractables



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



*Chemical Analysis for Selected Parameters and Sampling Locations Identified as Baby Diapers
(A S & ME, Inc. Project #1584-07-040, collected 10 and 11 July 2007)*

1. Volatile Organics	Quantitation	G6	HA1	HA2	HA3
EPA Method 8260 B	Limit				
Parameter	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Acetone	0.100	BQL	BQL	BQL	BQL
Benzene	0.005	BQL	BQL	BQL	BQL
Bromobenzene	0.005	BQL	BQL	BQL	BQL
Bromochloromethane	0.005	BQL	BQL	BQL	BQL
Bromodichloromethane	0.005	BQL	BQL	BQL	BQL
Bromoform	0.005	BQL	BQL	BQL	BQL
Bromomethane	0.010	BQL	BQL	BQL	BQL
2-Butanone	0.100	BQL	BQL	BQL	BQL
N-Butylbenzene	0.005	BQL	BQL	BQL	BQL
Sec-Butylbenzene	0.005	BQL	BQL	BQL	BQL
Tert-Butylbenzene	0.005	BQL	BQL	BQL	BQL
Carbon Tetrachloride	0.010	BQL	BQL	BQL	BQL
Chlorobenzene	0.005	BQL	BQL	BQL	BQL
Dibromochloromethane	0.005	BQL	BQL	BQL	BQL
Chloroethane	0.010	BQL	BQL	BQL	BQL
Chloroform	0.005	BQL	BQL	BQL	BQL
Chloromethane	0.010	BQL	BQL	BQL	BQL
2-Chlorotoluene	0.005	BQL	BQL	BQL	BQL
4-Chlorotoluene	0.005	BQL	BQL	BQL	BQL
1,2-Dibromoethane (EDB)	0.005	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.005	BQL	BQL	BQL	BQL
Dichlorodifluoromethane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloroethane	0.005	BQL	BQL	BQL	BQL
1,2-Dichloroethane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloroethene	0.005	BQL	BQL	BQL	BQL
Cis-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL
Trans-1,2-Dichloroethene	0.005	BQL	BQL	BQL	BQL
1,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL
1,3-Dichloropropane	0.005	BQL	BQL	BQL	BQL
2,2-Dichloropropane	0.005	BQL	BQL	BQL	BQL
1,1-Dichloropropane	0.005	BQL	BQL	BQL	BQL
Cis-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL
Trans-1,3-Dichloropropene	0.010	BQL	BQL	BQL	BQL
Ethyl Acetate	0.010	BQL	BQL	BQL	BQL
Ethyl Benzene	0.005	BQL	BQL	BQL	BQL
2-Hexanone	0.050	BQL	BQL	BQL	BQL
1-Propylbenzene	0.005	BQL	BQL	BQL	BQL
Isopropyl ether (IPE)	0.010	BQL	BQL	BQL	BQL
p-Isopropyltoluene	0.005	BQL	BQL	BQL	BQL
Methylene Chloride	0.020	BQL	BQL	BQL	BQL
4-Methyl-2-Pentanone	0.100	BQL	BQL	BQL	BQL
Methyl-Tert-Butyl ether (MTBE)	0.010	BQL	BQL	BQL	BQL
Naphthalene	0.010	BQL	BQL	BQL	BQL
N-Propylbenzene	0.005	BQL	BQL	BQL	BQL
Styrene	0.010	BQL	BQL	BQL	BQL
1,1,2,2-Tetrachloroethane	0.005	BQL	BQL	BQL	BQL
Tetrachloroethene	0.005	BQL	BQL	BQL	BQL
Toluene	0.005	BQL	BQL	BQL	BQL
1,1,1-Trichloroethane	0.005	BQL	BQL	BQL	BQL
1,1,2-Trichloroethane	0.005	BQL	BQL	BQL	BQL
Trichloroethene	0.005	BQL	BQL	BQL	BQL
Trichlorofluoromethane	0.005	BQL	BQL	BQL	BQL
1,2,3-Trichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.005	BQL	BQL	BQL	BQL
1,2,3-Trichloropropane	0.015	BQL	BQL	BQL	BQL
1,2,4-Trimethylbenzene	0.005	BQL	BQL	BQL	BQL
1,3,5-Trimethylbenzene	0.005	BQL	BQL	BQL	BQL
Vinyl Acetate	0.050	BQL	BQL	BQL	BQL
Vinyl Chloride	0.010	BQL	BQL	BQL	BQL
Total Xylenes	0.005	BQL	BQL	BQL	BQL
Carbon Disulfide	0.100	BQL	BQL	BQL	BQL
Acrylonitrile	0.200	BQL	BQL	BQL	BQL
Trans-1,4-Dichloro-2-butene	0.100	BQL	BQL	BQL	BQL
Methyl Iodide	0.010	BQL	BQL	BQL	BQL
Dibromomethane	0.010	BQL	BQL	BQL	BQL
1,1,1,2-Tetrachloroethane	0.005	BQL	BQL	BQL	BQL
1,2-Dibromo-3-Chloropropane(DBCP)	0.025	BQL	BQL	BQL	BQL
Dilution Factor		1	1	1	1
Sample Number		593750	593752	593753	593754
Sample Date		07/10/07	07/11/07	07/11/07	07/11/07
Sample Time (hrs)		1640	1005	1120	1200

mg/kg = milligrams per kilogram - parts per million (ppm)

BQL = Below Quantitation Limits

NR = Not Requested



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



*Chemical Analysis for Selected Parameters and Sampling Locations Identified as Baby Diapers
(A S & ME, Inc. Project #1584-07-040, collected 10 and 11 July 2007)*

II. Semi-Volatile Organics	Quantitation	G6	HA1	HA2	HA3
EPA Method 8270 BNA	Limit				
Parameter	(mg/kg)	(ug/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Acenaphthene	0.33	BQL	BQL	BQL	BQL
Acenaphthylene	0.33	BQL	BQL	BQL	BQL
Anthracene	0.33	BQL	BQL	BQL	0.492
Benzoic Acid	6.67	BQL	BQL	BQL	BQL
Benzo(a)anthracene	0.33	BQL	BQL	BQL	1.78
Benzo(b)fluoranthene	0.33	BQL	BQL	BQL	1.84
Benzo(k)fluoranthene	0.33	BQL	BQL	BQL	0.745
Benzo(ghi)perylene	0.33	BQL	BQL	BQL	0.777
Benzo(a)pyrene	0.33	BQL	BQL	BQL	1.33
Benzyl Alcohol	3.33	BQL	BQL	BQL	BQL
Bis(2-chloroethoxy)methane	0.33	BQL	BQL	BQL	BQL
Bis(2-chloroethyl)ether	0.33	BQL	BQL	BQL	BQL
Bis(2-chloroisopropyl)ether	0.33	BQL	BQL	BQL	BQL
Bis(2-ethyl-hexyl)phthalate	0.33	BQL	BQL	BQL	BQL
4-Bromophenyl phenyl ether	0.33	BQL	BQL	BQL	BQL
Benzyl butyl phthalate	0.33	BQL	BQL	BQL	BQL
4-Chloroaniline	1.65	BQL	BQL	BQL	BQL
4-Chloro-3-methylphenol	0.33	BQL	BQL	BQL	BQL
2-Chloronaphthalene	0.33	BQL	BQL	BQL	BQL
2-Chlorophenol	0.33	BQL	BQL	BQL	BQL
4-Chlorophenyl phenyl ether	0.33	BQL	BQL	BQL	1.56
Chrysene	0.33	BQL	BQL	BQL	BQL
Dibenzo(a,h)anthracene	0.33	BQL	BQL	BQL	BQL
Dibenzofuran	0.33	BQL	BQL	BQL	BQL
Di-N-Butyl phthalate	0.33	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.33	BQL	BQL	BQL	BQL
3,3-Dichlorobenzidine	0.66	BQL	BQL	BQL	BQL
2,4-Dichlorophenol	0.33	BQL	BQL	BQL	BQL
Diethyl phthalate	0.33	BQL	BQL	BQL	BQL
2,4-Dimethylphenol	0.33	BQL	BQL	BQL	BQL
Dimethyl phthalate	0.33	BQL	BQL	BQL	BQL
4,6-Dinitro-2-methylphenol	1.65	BQL	BQL	BQL	BQL
2,4-Dinitrophenol	1.65	BQL	BQL	BQL	BQL
2,4-Dinitrotoluene	0.33	BQL	BQL	BQL	BQL
2,6-Dinitrotoluene	0.33	BQL	BQL	BQL	BQL
Di-N-Octyl phthalate	0.33	BQL	BQL	BQL	BQL
Azobenzene	3.33	BQL	BQL	BQL	2.44
Fluoranthene	0.33	BQL	BQL	BQL	BQL
Fluorene	0.33	BQL	BQL	BQL	BQL
Hexachlorobenzene	0.33	BQL	BQL	BQL	BQL
Hexachlorobutadiene	0.33	BQL	BQL	BQL	BQL
Hexachlorocyclopentadiene	0.33	BQL	BQL	BQL	BQL
Hexachloroethane	0.33	BQL	BQL	BQL	0.794
Indeno(1,2,3-cd) pyrene	0.33	BQL	BQL	BQL	BQL
Isophorone	0.33	BQL	BQL	BQL	BQL
2-Methylnaphthalene	0.33	BQL	BQL	BQL	BQL
2-Methylphenol	1.65	BQL	BQL	BQL	BQL
4-Methylphenol	1.65	BQL	BQL	BQL	BQL
Nitrobenzene	0.33	BQL	BQL	BQL	BQL
2-Nitrophenol	0.33	BQL	BQL	BQL	BQL
4-Nitrophenol	1.65	BQL	BQL	BQL	BQL
N-Nitrosodiphenylamine	0.33	BQL	BQL	BQL	BQL
N-nitrosodi-n-propylamine	0.33	BQL	BQL	BQL	BQL
Pentachlorophenol	1.65	BQL	BQL	BQL	1.93
Phenanthrene	0.33	BQL	BQL	BQL	BQL
Phenol	0.33	BQL	BQL	BQL	2.65
Pyrene	0.33	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.33	BQL	BQL	BQL	BQL
2,4,6-Trichlorophenol	0.33	BQL	BQL	BQL	BQL
2-Methyl-4,6-dinitrophenol	1.65	BQL	BQL	BQL	BQL
Benzidine	1.65	BQL	BQL	BQL	BQL
1,2-Diphenylhydrazine	1.65	BQL	BQL	BQL	BQL
N-Nitrosodimethylamine	0.33	BQL	BQL	BQL	BQL
Dilution Factor		1	1	1	1
Sample Number		593750	593752	593753	593754
Sample Date		07/10/07	07/11/07	07/11/07	07/11/07
Sample Time (hrs)		1640	1005	1120	1200

mg/kg = milligrams per kilogram = parts per million (ppm)

BQL = Below Quantitation Limits

BNA = Base-Neutral Acid Extractables



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



Chemical Analysis for Selected Parameters and Water Samples Identified as Baby Diapers (A S & ME Project #1584-07-040, collected 10 and 11 July 2007)

I. Volatile Organics	Quantitation	G1	G2	G3	G4	G6
EPA Method 6210 D	Limit					
Parameter	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
1,1-Dichloroethane	0.5	BQL	BQL	BQL	BQL	BQL
2,2-Dichloropropane	0.5	BQL	BQL	BQL	BQL	BQL
Chloroform	0.5	BQL	BQL	BQL	BQL	BQL
1,1,1-Trichloroethane	0.5	BQL	BQL	BQL	BQL	BQL
1,1-Dichloropropene	0.5	BQL	BQL	BQL	BQL	BQL
Carbon Tetrachloride	0.5	BQL	BQL	BQL	BQL	BQL
Benzene	0.5	16.4	BQL	BQL	BQL	BQL
1,2-Dichloroethane	0.5	BQL	BQL	BQL	BQL	BQL
Trichloroethene	0.5	BQL	11.2	BQL	BQL	BQL
1,2-Dichloropropane	0.5	BQL	BQL	BQL	BQL	BQL
Dibromomethane	0.5	BQL	BQL	BQL	BQL	BQL
Toluene	0.5	BQL	BQL	BQL	BQL	7,100
1,1,2-Trichloroethane	0.5	BQL	BQL	BQL	BQL	BQL
1,3-Dichloropropane	0.5	BQL	BQL	BQL	BQL	BQL
Tetrachloroethene	0.5	BQL	BQL	BQL	BQL	BQL
1,1,1,2-Tetrachloroethane	0.5	BQL	BQL	BQL	BQL	BQL
1,1,2,2-Tetrachloroethane	0.5	BQL	BQL	BQL	BQL	BQL
1,2,3-Trichloropropane	0.5	BQL	BQL	BQL	BQL	BQL
Hexachlorobutadiene	0.5	BQL	BQL	BQL	BQL	BQL
Bromobenzene	0.5	BQL	BQL	BQL	BQL	BQL
Ethylbenzene	0.5	BQL	BQL	BQL	BQL	5,060
Styrene	0.5	BQL	BQL	BQL	BQL	BQL
Bromoform	0.5	BQL	BQL	BQL	BQL	BQL
p-Isopropyltoluene	0.5	BQL	BQL	BQL	BQL	BQL
N-Butylbenzene	0.5	BQL	BQL	BQL	BQL	6,840
Naphthalene	0.5	BQL	BQL	BQL	BQL	24,000
1,3,5-Trimethylbenzene	0.5	BQL	BQL	BQL	BQL	19,000
1,2,4-Trimethylbenzene	0.5	BQL	BQL	BQL	BQL	74,000
1,2,4-Trichlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
1,2,3-Trichlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
Chlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
2-Chlorotoluene	0.5	BQL	BQL	BQL	BQL	BQL
4-Chlorotoluene	0.5	BQL	BQL	BQL	BQL	BQL
Tert-Butylbenzene	0.5	BQL	BQL	BQL	BQL	BQL
Sec-Butylbenzene	0.5	BQL	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
Total Xylenes	0.5	BQL	BQL	BQL	BQL	32,600
1-Propylbenzene	0.5	BQL	BQL	BQL	BQL	1,000
N-Propylbenzene	0.5	BQL	BQL	BQL	BQL	4,560
1,3-Dichlorobenzene	0.5	BQL	BQL	BQL	BQL	BQL
Dibromochloromethane	0.5	BQL	BQL	BQL	BQL	BQL
Dichlorodifluoromethane	0.5	BQL	BQL	BQL	BQL	BQL
Chloromethane	0.5	BQL	BQL	BQL	BQL	BQL
Vinyl Chloride	0.5	BQL	BQL	BQL	BQL	BQL
Bromomethane	0.5	BQL	BQL	BQL	BQL	BQL
Chloroethane	0.5	BQL	BQL	BQL	BQL	BQL
Trichlorofluoromethane	0.5	BQL	BQL	BQL	BQL	BQL
1,1-Dichloroethene	0.5	BQL	BQL	BQL	BQL	BQL
Methylene Chloride	0.5	BQL	BQL	BQL	BQL	BQL
Trans-1,2-Dichloroethene	0.5	BQL	BQL	BQL	BQL	BQL
Cis-1,2-Dichloroethene	0.5	BQL	0.6	BQL	BQL	BQL
Bromodichloromethane	0.5	BQL	BQL	BQL	BQL	BQL
Bromochloromethane	0.5	BQL	BQL	BQL	BQL	BQL
Cis-1,3-Dichloropropene	0.5	BQL	BQL	BQL	BQL	BQL
Trans-1,3-Dichloropropene	0.5	BQL	BQL	BQL	BQL	BQL
Methyl-Tert-Butyl ether (MTBE)	5.0	BQL	BQL	BQL	BQL	BQL
Isopropyl ether (IPE)	5.0	BQL	BQL	BQL	BQL	BQL
Dilution Factor		1	1	1	1	500
Sample Number		593742	593744	593746	593748	593751
Sample Date		07/11/07	07/10/07	07/11/07	07/11/07	07/11/07
Sample Time (hrs)		1350	1345	1145	1115	1500

BQL = Below Quantitation Limits

µg/L = micrograms per Liter = parts per billion (ppb)



Research & Analytical Laboratories, Inc.

Analytical/Process Consultations



Chemical Analysis for Selected Parameters and Water Samples Identified as Baby Diapers (A S & ME Project #1584-07-040, collected 10 and 11 July 2007)

II. Semi-Volatile Organics	Quantitation	G1	G2	G3	G4	G6
EPA Method 625 BNA	Limit					
Parameter	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
4-Chloro-3-methylphenol	0.010	BQL	BQL	BQL	BQL	BQL
2-Chlorophenol	0.010	BQL	BQL	BQL	BQL	BQL
2,4-Dichlorophenol	0.010	BQL	BQL	BQL	BQL	BQL
2,4-Dimethylphenol	0.010	BQL	BQL	BQL	BQL	BQL
2,4-Dinitrophenol	0.050	BQL	BQL	BQL	BQL	BQL
2-Methyl-4,6-dinitrophenol	0.050	BQL	BQL	BQL	BQL	BQL
2-Nitrophenol	0.010	BQL	BQL	BQL	BQL	BQL
4-Nitrophenol	0.050	BQL	BQL	BQL	BQL	BQL
Pentachlorophenol	0.050	BQL	BQL	BQL	BQL	BQL
Phenol	0.010	BQL	BQL	BQL	BQL	BQL
2,4,6-Trichlorophenol	0.010	BQL	BQL	BQL	BQL	BQL
Acenaphthene	0.010	BQL	BQL	BQL	BQL	BQL
Acenaphthylene	0.010	BQL	BQL	BQL	BQL	BQL
Anthracene	0.010	BQL	BQL	BQL	BQL	BQL
Benzidine	0.050	BQL	BQL	BQL	BQL	BQL
Benzo(a)anthracene	0.010	BQL	BQL	BQL	BQL	BQL
Benzo(a)pyrene	0.010	BQL	BQL	BQL	BQL	BQL
Benzo(b)fluoranthene	0.010	BQL	BQL	BQL	BQL	BQL
Benzo(ghi)perylene	0.010	BQL	BQL	BQL	BQL	BQL
Benzo(k)fluoranthene	0.010	BQL	BQL	BQL	BQL	BQL
Benzyl butyl phthalate	0.010	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroethoxy)methane	0.010	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroethyl)ether	0.010	BQL	BQL	BQL	BQL	BQL
Bis(2-chloroisopropyl)ether	0.010	BQL	BQL	BQL	BQL	BQL
Bis(2-ethyl-hexyl)phthalate	0.010	BQL	BQL	BQL	BQL	BQL
4-Bromophenyl phenyl ether	0.010	BQL	BQL	BQL	BQL	BQL
2-Chloronaphthalene	0.010	BQL	BQL	BQL	BQL	BQL
4-Chlorophenyl phenyl ether	0.010	BQL	BQL	BQL	BQL	BQL
Chrysene	0.010	BQL	BQL	BQL	BQL	BQL
Dibenzo(a,h)anthracene	0.010	BQL	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.010	BQL	BQL	BQL	BQL	BQL
1,3-Dichlorobenzene	0.010	BQL	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.010	BQL	BQL	BQL	BQL	BQL
3,3-Dichlorobenzidine	0.020	BQL	BQL	BQL	BQL	BQL
Diethyl phthalate	0.010	BQL	BQL	BQL	BQL	BQL
Dimethyl phthalate	0.010	BQL	BQL	BQL	BQL	BQL
Di-N-Butyl phthalate	0.010	BQL	BQL	BQL	BQL	BQL
2,4-Dinitrotoluene	0.010	BQL	BQL	BQL	BQL	BQL
2,6-Dinitrotoluene	0.010	BQL	BQL	BQL	BQL	BQL
Di-N-Octyl phthalate	0.010	BQL	BQL	BQL	BQL	BQL
1,2-Diphenylhydrazine	0.050	BQL	BQL	BQL	BQL	BQL
Fluoranthene	0.010	BQL	BQL	BQL	BQL	BQL
Fluorene	0.010	BQL	BQL	BQL	BQL	BQL
Hexachlorobenzene	0.010	BQL	BQL	BQL	BQL	BQL
Hexachlorobutadiene	0.010	BQL	BQL	BQL	BQL	BQL
Hexachlorocyclopentadiene	0.010	BQL	BQL	BQL	BQL	BQL
Hexachloroethane	0.010	BQL	BQL	BQL	BQL	BQL
Indeno(1,2,3-cd) pyrene	0.010	BQL	BQL	BQL	BQL	BQL
Isophorone	0.010	BQL	BQL	BQL	BQL	BQL
Naphthalene	0.010	BQL	BQL	BQL	BQL	BQL
Nitrobenzene	0.010	BQL	BQL	BQL	BQL	BQL
N-Nitrosodimethylamine	0.010	BQL	BQL	BQL	BQL	BQL
N-nitrosodi-n-propylamine	0.010	BQL	BQL	BQL	BQL	BQL
N-Nitrosodiphenylamine	0.010	BQL	BQL	BQL	BQL	BQL
Phenanthrene	0.010	BQL	BQL	BQL	BQL	BQL
Pyrene	0.010	BQL	BQL	BQL	BQL	BQL
1,2,4-Trichlorobenzene	0.010	BQL	BQL	BQL	BQL	BQL
2-Methylnaphthalene	0.010	BQL	BQL	BQL	BQL	0.196
Dilution Factor		1	1	1	1	1
Sample Number		593742	593744	593746	593748	593751
Sample Date		07/11/07	07/10/07	07/11/07	07/11/07	07/11/07
Sample Time (hrs)		1350	1345	1145	1115	1500

mg/L = milligrams per Liter = parts per million (ppm)

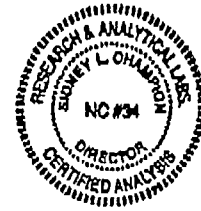
BQL = Below Quantitation Limits

BNA = Base-Neutral Acid Extractables



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*Chemical Analysis for Selected Parameters and Water Samples Identified as Baby Diapers
(A S & ME Project #1584-07-040 collected 10 and 11 July 2007)*

III. Miscellaneous Parameters	Quantitation Limit (mg/L)	G1 (mg/L)	G2 (mg/L)	G3 (mg/L)	G4 (mg/L)	G6 (mg/L)
Chloride	1.0	30.0	34.0	8.50	13.5	20.0
III. Miscellaneous Parameters	Quantitation Limit (SU)	G1 (SU)	G2 (SU)	G3 (SU)	G4 (SU)	G6 (SU)
pH (Lab)	N/A	6.85	7.35	6.82	10.10	7.24

Sample Number	593742	593744	593746	593748	593751
Sample Date	07/11/07	07/10/07	07/11/07	07/11/07	07/11/07
Sample Time (hrs)	1350	1345	1145	1115	1500

BQL = Below Quantitation Limits

mg/L = milligrams per Liter = parts per million (ppm)

N/A = Not Applicable



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical / Process Consultations
Phone (336) 996-2841

CHAIN OF CUSTODY RECORD

COMPANY SEME		JOB NO. 1584-07-040	
STREET ADDRESS 3718 Old Battleground Road		PROJECT BABY DIAPERS	
CITY, STATE, ZIP GREENSBORO NC 27410		SAMPLER NAME (PLEASE PRINT) JAMES DEES	
CONTACT Jim Dees		SAMPLER SIGNATURE <i>James Dees</i>	
PHONE (336) 288-7180			

SAMPLE NUMBER (LAB USE ONLY)	DATE	TIME	COMPS	GRAB	TEMP °C	RES CI	CHLORINE REMOVED (Y or N)	SAMPLE MATRIX (S or W)	SAMPLE LOCATION / I.D.	NO. OF CONTAINERS	WATER / WASTEWATER												MISC.	REQUESTED ANALYSIS		
											2L G (BNA, Herb. / Pest.)	2 40ml Vials (TOX) HCL	250ml G (TOX)	250ml P (TOX)	1L P.G (TOC) H ₂ SO ₄	1L G (BOD, TSS, Unpreserved, etc.)	1L P.G (Phenol, Oil & Grease) H ₂ SO ₄	1L P.G (COD, N, P) H ₂ SO ₄	1L P.G (Metals, Hardness) H ₂ SO ₄	1L P.G (CYANIDE) NaOH	1L P.G (Coliform)					
593741	7/10/07	10:00		X				S	G1	4																8260, 8270
593742	7/11/07	13:50		X				W	G1	7																6210D, 625, pH, CHLORIDES
593743	7/10/07	11:30		X				S	G2	4																8260, 8270
593744	7/10/07	13:45		X				W	G2	7																6210D, 625, pH, CHLORIDES
593745	7/10/07	14:10		X				S	G3	4																8260, 8270
593746	7/10/07	11:45		X				W	G3	7																6210D, 625, pH, CHLORIDES
593747	7/10/07	15:00		X				S	G4	4																8260, 8270
593748	7/11/07	11:15		X				W	G4	7																6210D, 625, pH, CHLORIDES
593749	7/10/07	15:40		X				S	G5	4																8260, 8270
593750	7/10/07	16:40		X				S	G6	4																8260, 8270
593751	7/11/07	15:00		X				W	G6	7																6210D, 625, pH, CHLORIDES
593752	7/11/07	10:05		X				S	HA 1	4																8260, 8270
593753	7/11/07	11:20		X				S	HA 2	4																8260, 8270
593754	7/11/07	12:00		X				S	HA 3	4																8260, 8270
593755									TB																	

RELINQUISHED BY <i>James Dees</i>	DATE/TIME 7/12/07 3:22	RECEIVED BY <i>Sharon Clark</i>	REMARKS: P.O. # 14914 SAMPLE TEMPERATURE AT RECEIPT <u>3.2</u> °C
RELINQUISHED BY <i>Sharon Clark</i>	DATE/TIME 7/16/07 10:30 AM	RECEIVED BY <i>Sharon Clark</i>	